USER'S MANUAL

AR-36CN

FEATURES

Support for disks
- MIDI-DVD,DVD,DVD-R,SVCD,VCD,CD,CD-R,CD-RW,Mp3,Mp4

Karaoke support various functions
- Function of presetting the song and helps to preset 99 songs.
- The list of new songs.
- Favorite songs.
- Language is displayed in Vietnamese and English.
- Reserve the song and clear the reserved song
- Adjust the key and tempo appropriate with each voice.
- Increase/decrease the song's melody as desired.
- Install greetings/lines on the screen in Vietnamese.
- Score and applause as preference.

Qualitative picture, transparent and clear sound
- Decoding technique MPEG1, MPEG2 and MPEG3, DIVX(Code3.11-5.0).
* Note: not support absolutely 100% for DIVX formats.
- High quality sound with digital effect.
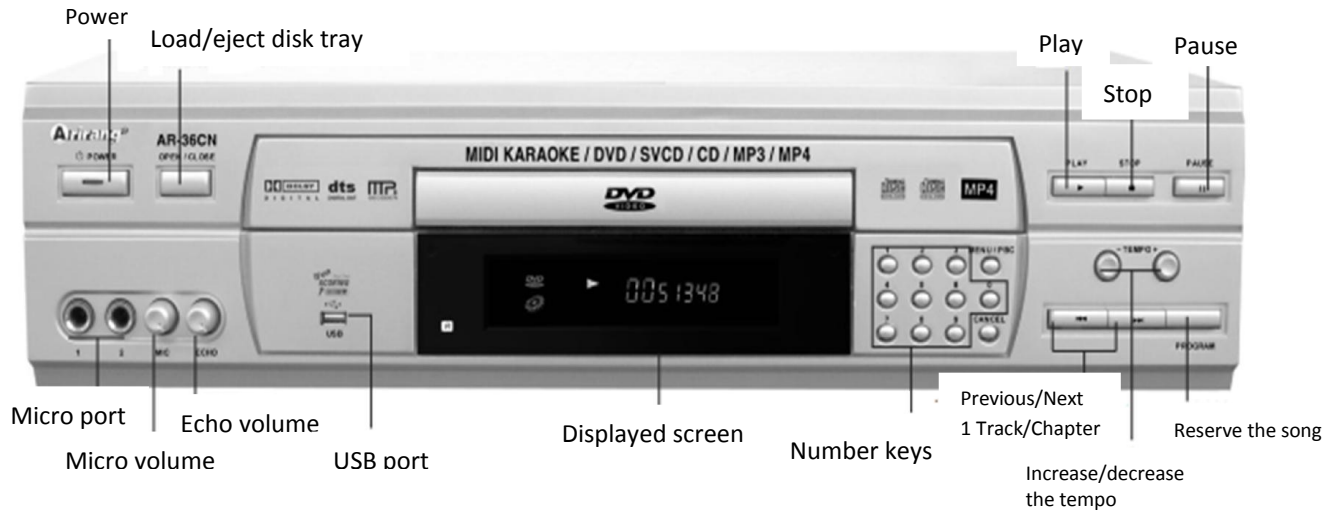- High quality picture (MPEG2).

Other special features:
- Unique VOCAL/CHORUS technique with the lively effect of vocal/chorus
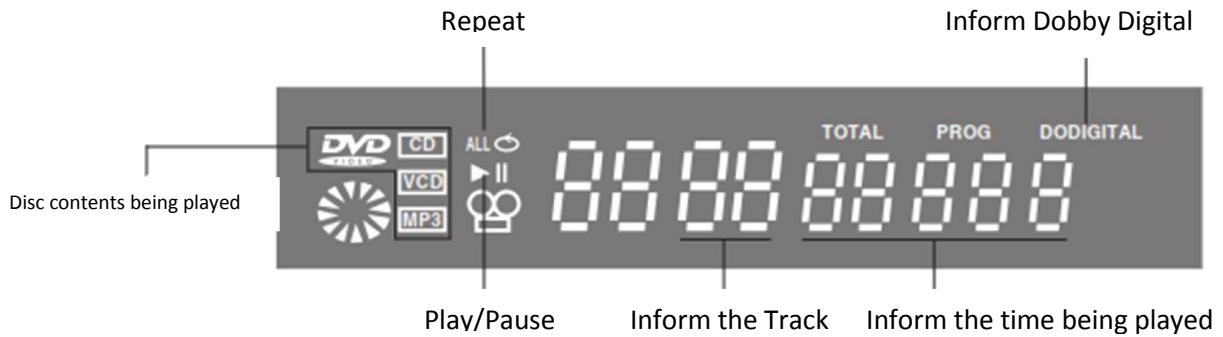- USB interface: play picture and audio data of all formats MP3,MP4,WMA,WAV...

- DVD disc can play up to 135', including 8 languages and 32 different captions
- MPEG-2 helps compress picture with high quality sound; creates the great, lively audio and picture as in the theaters.
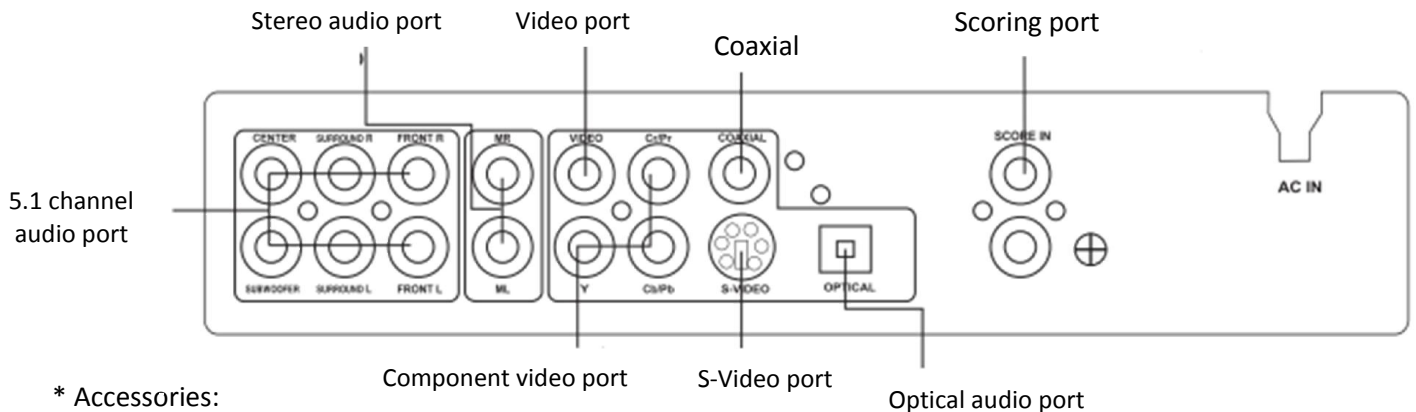
NAME OF EACH PART

Front panel:

Power

Load/eject disk tray

Play

Pause

Stop

MIDI KARAOKE / DVD / SVCD / CD / MP3 / MP4

Arirang   AR-36CN

Micro port

Echo volume

Displayed screen

Previous/Next
1 Track/Chapter

Reserve the song

Micro volume

USB port

Number keys

Increase/decrease
the tempo

Displayed screen:

Repeat

Inform Dobby Digital

Disc contents being played

Play/Pause

Inform the Track

Inform the time being played

Rear panel:

Stereo audio port

Video port

Scoring port

Coaxial

5.1 channel
audio port

AC IN

Component video port

S-Video port

Optical audio port

* Accessories:
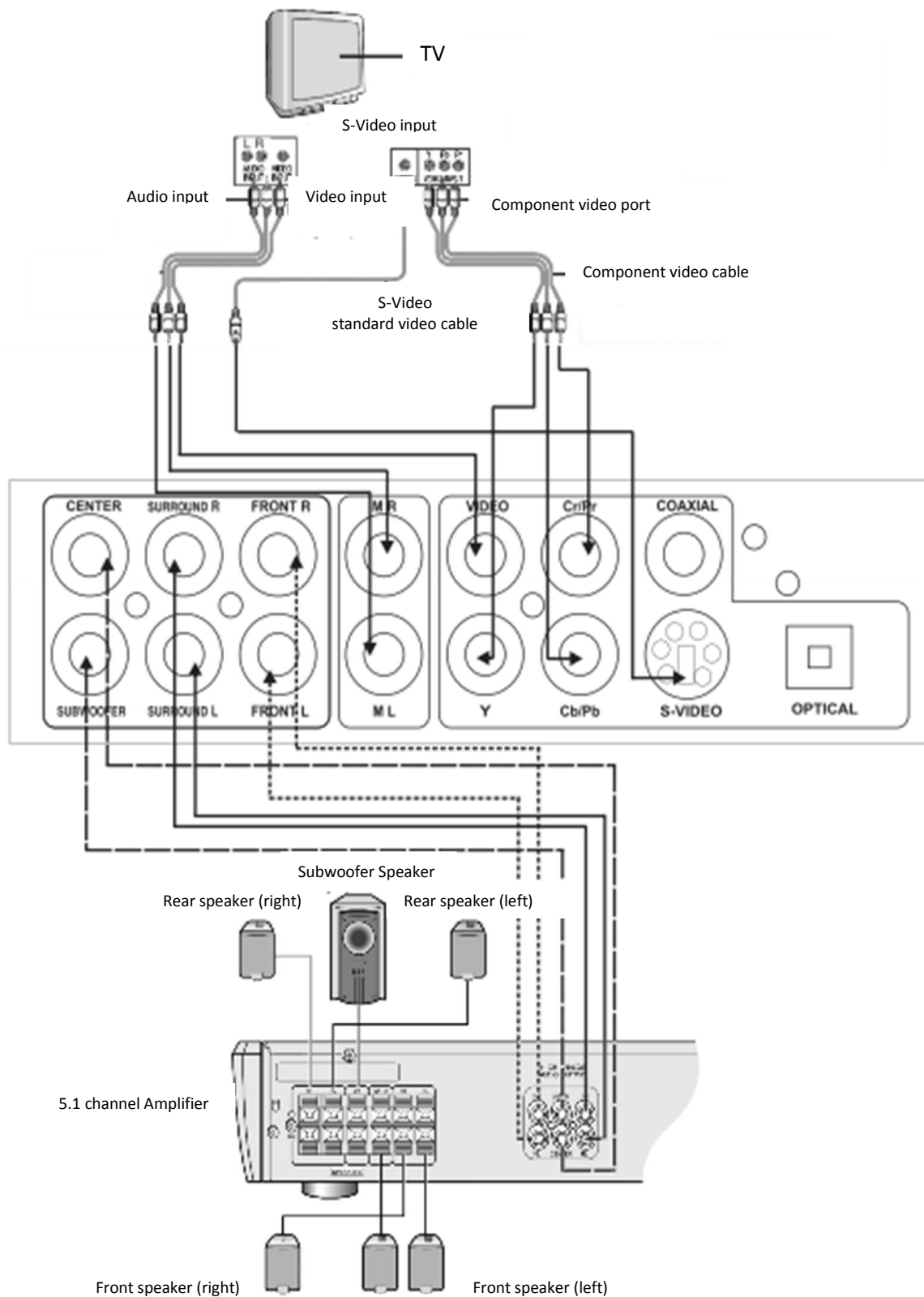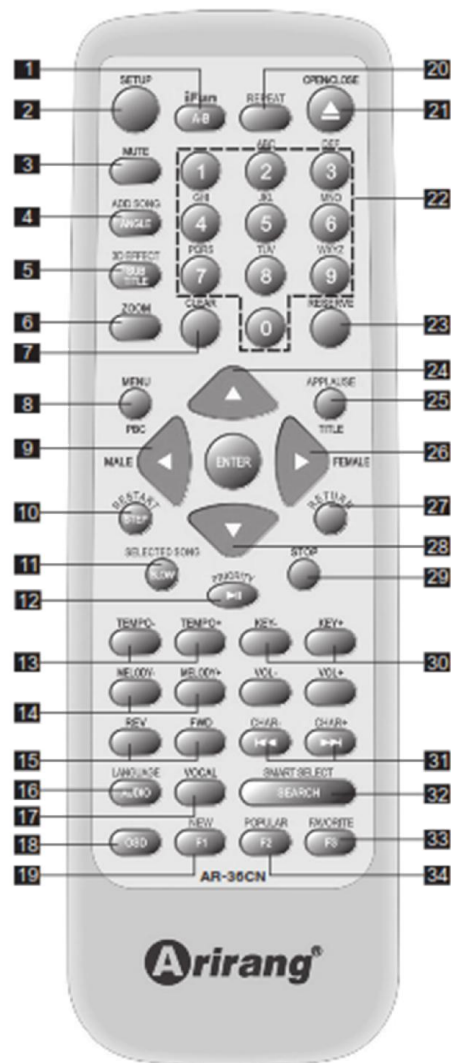
- 01 Midi Karaoke disc
- 01 User's manual
- 01 Vietnamese song book
- 01 Remote control
- 01 Pair of AAA batteries
- 01 Set of AV cable (3 wires)

BASIC CONNECTION

TV

S-Video input

Audio input   Video input   Component video port

Component video cable

S-Video
standard video cable

| CENTER | SURROUND R | FRONT R | M R | VIDEO | Cr/Pr | COAXIAL |
| SUBWOOFER | SURROUND L | FRONT L | M L | Y | Cb/Pb | S-VIDEO | OPTICAL |

Subwoofer Speaker

Rear speaker (right)   Rear speaker (left)

5.1 channel Amplifier

Front speaker (right)   Front speaker (left)

REMOTE CONTROL

1. **iFUN:** turn on/off the cheer scoring
2. **SETUP:** set the device's configuration
3. **MUTE:** turn on/off the volume of device
4. **ANGLE/ADD SONG:**
   + MIDI: add song to the list of favorite songs
   + DVD: select view angle (supported by disk)
5. **SUBTITLE/3D EFFECT:**
   + MIDI: a few sound effects
   + DVD: turn on/off caption language (supported by disk)
6. **ZOOM:** zoom in/zoom out pictures being played (DVD/VCD)
7. **CLEAR:** clear the code of the song incorrectly entered

8. **MENU:**
   + MIDI: set Karaoke feature
   +DVD/VCD: enter to main MENU, on/off PBC (VCD2.0)
9. **MALE:** select male tone when the song being played (MIDI)
10. **STEP/RESTART:**
    + MIDI: replay the song being played
    + DVD/VCD: slowly play each picture
11. **SLOW/SELECTED SONG:**
    + MIDI: List of reserved songs
    + DVD: Slowly play pictures (x2/x4/x8/x16/x32)
12. **PRIORITY:** Play/Store the priority song (MIDI)
13. **TEMPO +/-:** fast/slow tempo of the song (MIDI)
14. **MELODY +/-:** increase/decrease the song melody
15. **REV/FWD:** fast reverse/forward for Track/Chapter
16. **AUDIO/LANGUAGE:**
    + MIDI: Change of language when searching the song
    + DVD/VCD: select audio output
17. **VOCAL:** turn on/off lyric/chorus. Select audio output (MP4)
18. **OSD:** display the disc contents being played
19. **F1/NEW:** clear the song (SELECTED SONG), list of new songs
20. **REPEAT:**
    + MIDI: repeat the song being played
    + DVD/VCD/CD: repeat the whole disc/track
21. **OPEN/CLOSE:** load/eject the disk tray
22. **Number keys:** input the code of the song
23. **RESERVE:** reserve the code of the song (MIDI)
24-28. Move up/down to select the song or select the feature in setting Menu
25. **APPLAUSE/TITLE:**
    + MIDI: effect of applause
    + DVD: select each TITLE in disc (supported by DVD disk)
Note: The remote control is directed to the device in the range of 30 degrees with a maximum distance of 7-8m
26. **FEMALE:** select Female tone (MIDI)
27. **RETURN:** return to previous operation
29. **STOP:** stop the song being played
30. **KEY +/-:** increase/decrease the song key
31. **NEXT/PREV (CHAR +/-):**
    + MIDI: increase/decrease the song characters in search
    +DVD/VCD: to previous/next Track/Chapter
32. **SEARCH/SMART SELECT:**
    + MIDI: Search for a song as per its title or author
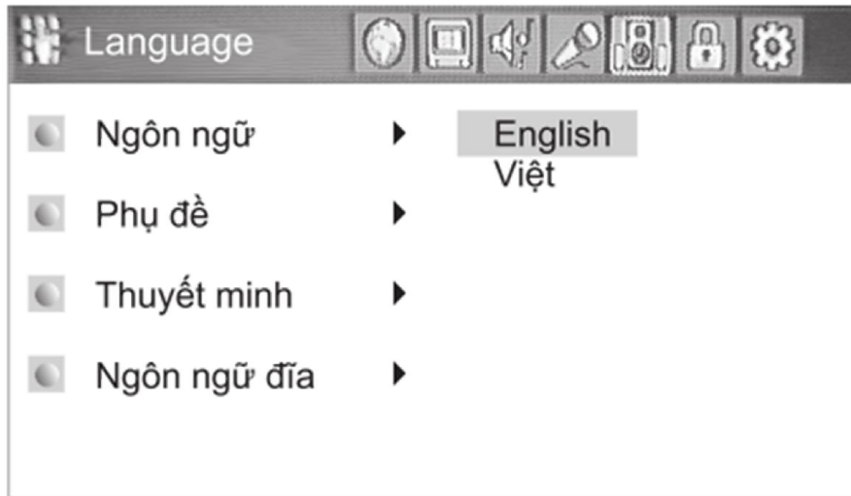   + DVD/VCD: fast searching to the desired time
33. **F3/FAVORITE SONG:** list of favorite songs, move down the song in selected song
34. **F2/POPULAR:** list of popular songs, move up the song in selected song
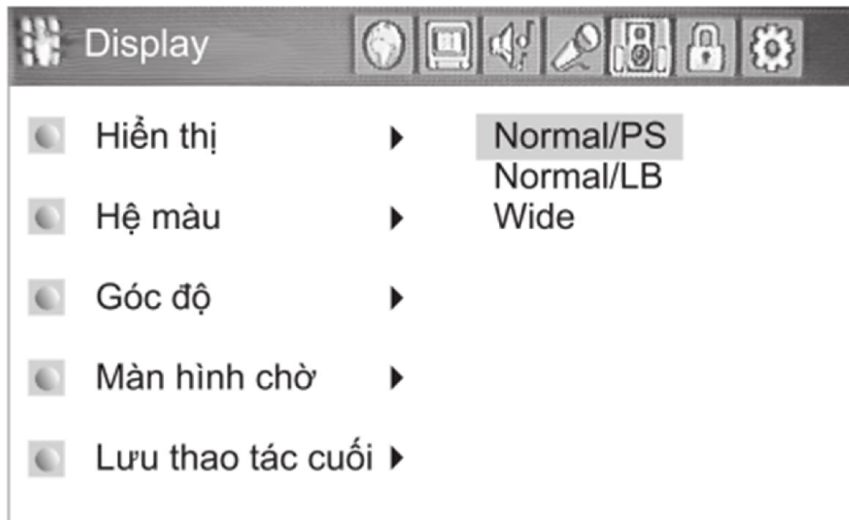
CONFIGURATION SETTING

* Press SETUP key on the remote control to start setting:

1. Language installation:

- Language: set language for the device
- Caption: caption language (supported by DVD disk)
- Voice-over: voice-over language (supported by DVD disk)
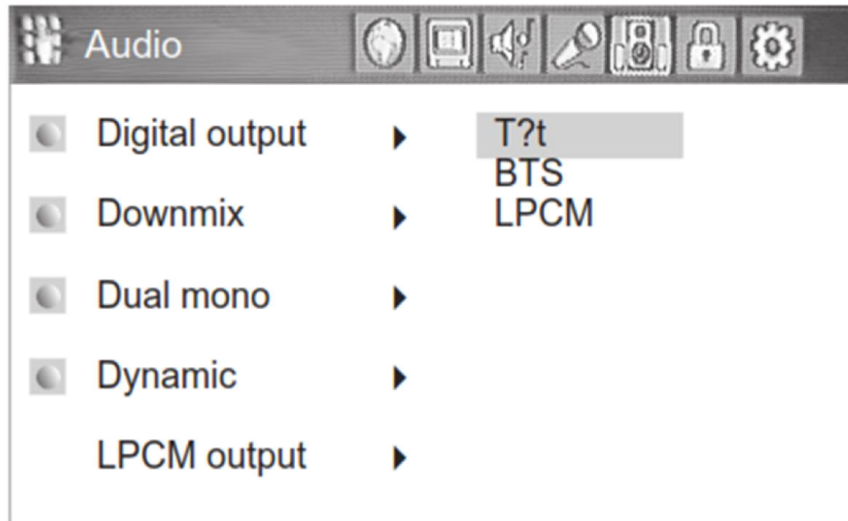- Disc language: default language in disc play (supported by DVD disk)

2. Display setting:

- Display: set the displayed mode
    + Normal/PS: display in normal mode 4:3PS but lost picture when displaying in 16:9 mode
    + Normal/LB: display in normal mode 4:3LB but not lost picture when displaying in 16:9 mode
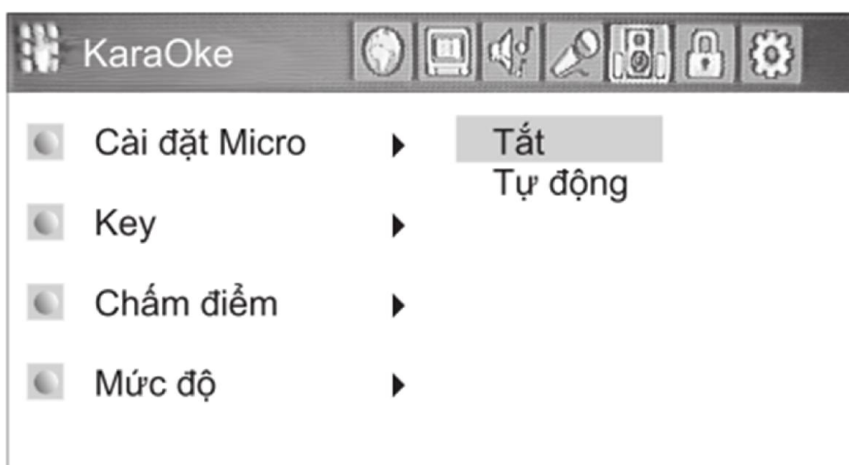   + Wide: display in 16:9 mode
- Color system:

+ Automatic

+ NTSC

+ PAL

- Angle: Turn on/off the effect of view angle (supported by DVD disk)
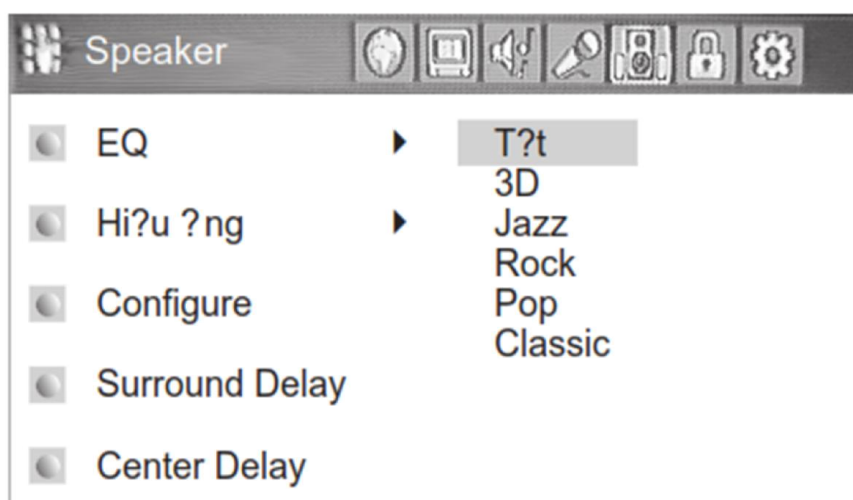
3. Audio installation:

- Digital output: digital audio output

    + Off

    + BTS: Stereo output

    + LPCM: Coaxial output

- Downmix:

    + LT/RT (supported Dolby Prologic by amplifier)

    + Stereo

    + 5.1 Channel

- Dual mono:

    + Stereo: separate 2- channel audio

    + L-mono: Only left-channel audio

    + R-mono: Only right-channel audio

    + Mix-mono: Mix audio of left/right 2-channel

- Dynamic: linear compression only has the effect on disk having Dolby Digital support

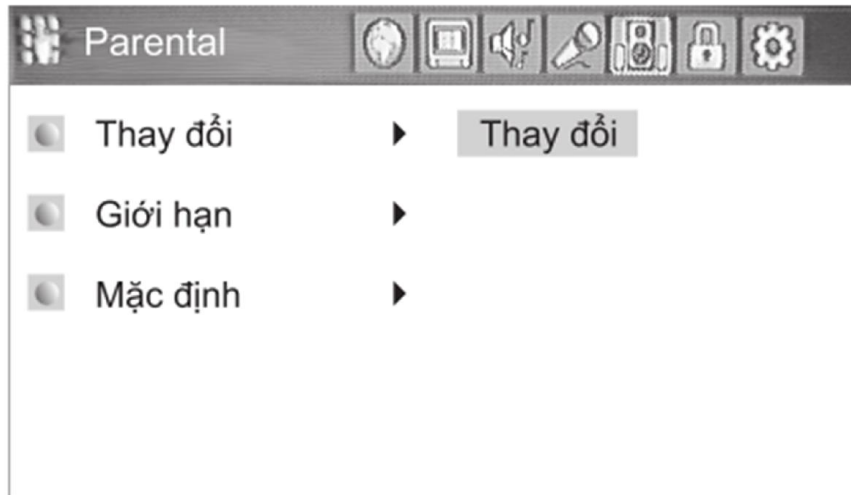- LPCM output: sampling frequency 48KHz/96KHz

4. Karaoke installation:

- Micro setting:
  + Off
  + Automatically
- Key: increase/decrease the key
- Scoring: select the way to score
  + Off
  + Normal
  + Automatically
- Scale:
       + Non professional
       + Normal
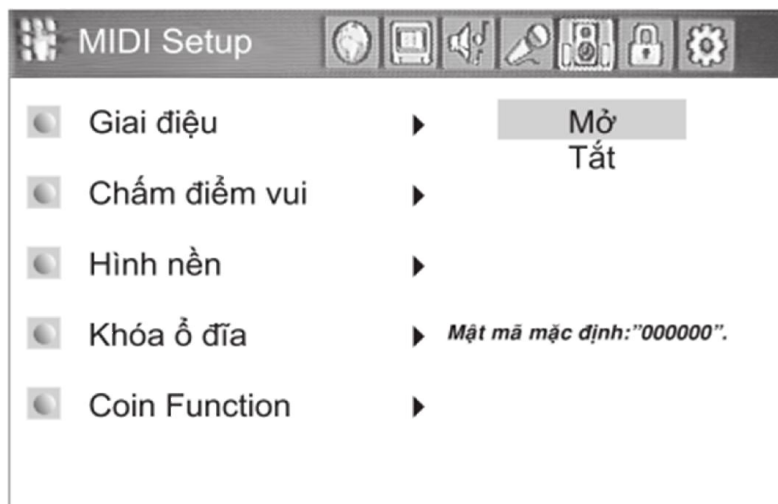   + Professional

5. Effect setting:

- EQ: Adjust the timbre, support for 5 timbres
- Effect: default setting in 8 sound effects
- Configure
- Surround Delay: the delay of rear speaker 0ms-25ms
- Center Delay: the delay of center speaker 0ms-5ms

6. Children lock:

- Change: Set the code to lock children from seeing the movie that is not suitable for their ages (supported by DVD disk)
- Limit: Set limit to lock children
     + Kid safe: Highest
     + Adult: No lock
- Default: Restore the manufacture's default settings
  * Default code:"000000"

7. MIDI setting:

- Melody: on/off the song melody
- Cheer scoring (iFUN): on/off
- Background picture: DVD/blue
- Drive lock: lock the drive in MIDI use
- Coin Function: on/off the mode of coin use

DVD/VCD/CD PLAY

1. **Put disc in the tray:**

   + Press OPEN/CLOSE (⏏) key to eject the disk tray then put disc in the tray (Note: label located above the disk, not placed the disc askew to avoid scratch and damage when the device is operating)

   + Press OPEN/CLOSE or PLAY (►II) to load the disc tray

2. **Play disc:**

►	PLAY ——————————————	Play
II	PAUSE ——————————————	Pause
■	STOP ——————————————	Stop
►►	x2/x4/x6/x8/x16/x32 —————————	Fast forward
◄◄	x2/x4/x6/x8/x16/x32 —————————	Fast rewind
►►I	—————————————	To next Track/Chapter
I◄◄	—————————————	To previous Track/Chapter
⊘	—————————————	No effect

3. **To Next/Previous Track/Chapter:**

   - When title of DVD disk has a lot of Chapters or VCD disk has a lot of Tracks, move to other Chapters or Tracks by the following way:

   + Press ►►I to move to next Chapter/Track

   + Press I◄◄ to move to previous Chapter/Track

   + For VCD/CD disk, when in stop mode, select Track by number keys to play. For VCD2.0, select PBC OFF feature to choose the song.

4. **Fast Forward/Rewind:**

   + When the device is playing, press ►► or ◄◄ to fast Forward/Rewind

   + Press "PLAY" key to continue playing

   + Have 6 levels to increase/decrease the speed of fast forward/rewind, each level corresponding with each key press x2/x4/x8/x16/x32

5. **Stop the program being played:**

   + Press "STOP" key to stop, press "PLAY" to continue playing

6. **Pause and slowly move the frame (DVD/VCD):**

   + Press "PLAY/PAUSE" key to pause

   + Then press "STEP" key to slowly move each frame

7. **Slowly play (DVD/VCD):**

   + Press "SLOW" key to slowly play

+ Press "PLAY" key to return to normal play mode

8. **Zoom in picture (DVD/VCD):** can zoom in picture up to 3 times. Depending on the play mode, "ZOOM" key has different effects. Press up/down/left/right key to move

+ In the mode of normal play, "ZOOM" key has the effect of zoom in the picture

+ In the mode of moving picture, "ZOOM" key has the effect of zoom in the desired picture angle

+ To return to normal mode, press "ZOOM" key again

* Note: "ZOOM" mode depends on disk

9. **Key of function list:** only have effect if supported Menu function by disc

+ Press MENU key to select the function list

+ Press ▲ or ▼ key to select item

+ Press "ENTER" or "PLAY" to select

+ Press "MENU" key to return to main Menu

MIDI KARAOKE PLAY

1. **Basic operation:**

+ Play: Input the code of the song by using number keys **0-9** (corresponding to the code in the song book attached), press "PLAY" or "ENTER" to play

+ Press "RESERVE" key to store

+ Press "PRIORITY" to store in the priority

+ Stop: When the device is playing, press "STOP" key to stop playing

2. **Clear the song in list of reserved songs:**

- Clear one of the reserved songs; press **SELECTED SONG** key to display the list of reserved songs, use function key to perform operation:

    + F1 key to clear the song

    + F2 to move the song to the position above

    + F3 to move the song to the position below

3. **Adjust the key:**

+ Can change low/high key of the song when pressing KEY +/-

4. **Adjust the tempo:**

+ Can change fast/slow tempo of the song when pressing TEMPO +/-

5. **Select Male/female tone:** press Male/Female key to select male/female tone
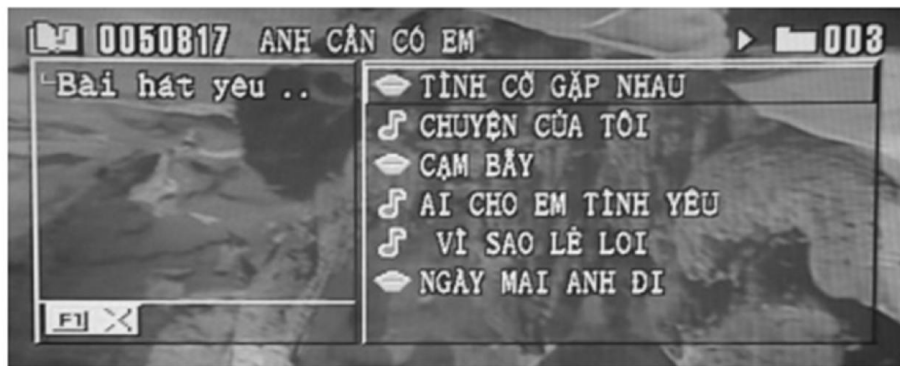
6. **Popular song:**

+ Press POPULAR key to display the list of popular songs (approximately 300 songs)

+ Press ENTER after selecting one of the favorite songs in the list

+ Press POPULAR again to exit

7. **Favorite song:**

+ Press FAVORITE key

+ Select the song, press PLAY/ENTER key to play

+ Press STOP to exit

8. **Add the song directly to the list of favorite songs:**

+ While the song being played, press ADD SONG/ANGLE the device will automatically add the song being played to the list of favorite songs

+ To clear the reserved song, press "SELECTED SONG" → press ▲ ▼ key to select the song → press "F1/NEW" to delete

9. **New song:**

+ List of new songs updated in new VOL of MIDI disc

+ Select the song, press PLAY/ENTER to play, press RESERVE to store (approximately 99 songs)

10. **Song melody:**

+ Press MELODY +/- to increase/decrease the song melody

11. **Repeat:** Repeat the song being played

12. **Chorus/Vocal:** on/off VOCAL/CHORUS, the key only has the effect if the song has VOCAL/CHORUS support (present details in "VIETNAMESE SONG BOOK")

13. **Applause:** Applause feature is displayed when the device is playing song or at the end of the song

14. **Select the song and fast searching by Remote control:**

- Select the song directly by using the number keys **0-9**, select the correct code specified in "Song Book" press **PRIORITY(PLAY)/ENTER** to play

- Select the song fast without "Song Book", press **SEARCH** key to display the song list including many different languages Vietnamese, Chinese, English. To select the song of a country, press **LANGUAGE (AUDIO)** key to move to the song list of that country.

+ For searching the song as per the first characters (abc) of its title, press number keys on the remote control corresponding to the alphabet to start searching

+ For example, to search for the song with the first character of its title is **K** → press number 5 key continuously until displaying character **K**, then the list of songs on the right will automatically display all the song titles beginning with the character **K**--> press up/down key to select the song and press ENTER to store

*Press MALE/FEMALE to fast searching through 1 page

* Press CHAR+/- to search for a song as the number of words in title.

Character to be found

Increase/decrease the number of word in the song (CHAR +/-)

The total number of words (5 words)

USB CONNECTION

[Root] AVSQ02.DAT

1.Root

thư mục hiện hành

1.AVSQ02.DAT

danh sách tập tin chứa trong thư mục Video

🔊 Audio

🖼 Image

🎥 Video

* Plug USB in connection port supported in front/rear side of the device. The device automatically identifies the internal data, use up/down/left/right key to select the data format, press ENTER to play
- Audio: Audio (*.mp3/*.wma)
- Image: Picture (*.jpg)
- Video: Movie (*.dat/*.avi)
* Note: The device only identifies the USB when it has no disk inside

SETTING IN MIDI KARAOKE DISC

- Press MENU key on the remote control to enter to configuration setting
  + List of songs: list of songs of each language
  + Search as per author: list of author's name (only support for Vietnamese author)
  + New song
  + Popular song
  + Favorite song
  + Randomly play
  + Configuration
    * Lowest score: set the lowest score in scoring
    * Scoring music: scoring music in scoring
    * Transparence: on/off black background of the vocal
    * Vocal: on/off the vocal, random color when displaying
    * Greeting installation:
      - Display: on/off the greeting
      - Color of line 1: select the displayed color
      - Color of line 2
      - Enter the greeting 1: helps enter the character to display the greeting
      - Enter the greeting 2

* Instruction to install the greeting with the text "MASECO":
  - The device is playing MIDI Karaoke disc→ press MENU→ Configuration→ Greeting installation→ Display→ select On→ press RETURN→ Enter the greeting 1→ press number 6→'M'→press ENTER→ press number 2→'A'→press ENTER→ press number 7→'S'→'E'→ 'C'→'O', after finish setting these characters, press MENU to exit.
  Perform the similar steps for line 2

* Note: To set the character "AÁÀÃÃẠĂẮẰẴÃẶÂẤẦẪẪẬ" , use MALE/FEMALE key to select the character to be installed

Nhập lời chào 1

MASECO *(tối đa 24 ký tự)*

AÁÀÃÃẠĂẮẰẴÃẶÂẤẦẪẪẬ

ENTER: CHỌN   CLEAR: XÓA
0-9: NUM&LETTER   RETURN: RETURN
<&>: SELECT (sử dụng phím MALE/FEMALE)   RESERVE: SPACE

TROUBLESHOOTING

TECHNICAL PROBLEMS	SPECIFIC	REPAIR
Not eject the disk tray	- The power-source cable not plug in	Plug the power-source cable in
The device not playing	- Not have disc in drive - Disc placed in opposite side - Disc is too dirty or scratched	- Put disc in drive - Select the correct disc side - Clean disc or change disc
No audio	- Not connect to Audio cable - Amplifier not operate - Disc is too dirty or scratched	- Connect to Audio cable -Check Power key and Volume of Amplifier - Clean disc or change disc
No picture	- Not turn on TV or incorrect Video mode - Not picture disc - Not connect to Video port - Picture signal wire broken	- Turn on TV, select right Video port - Replaced by picture disc - Connect to Video port - Replaced by a new signal wire
Picture moving up/down	- Incorrect system	- Adjust the correct system in SETUP/TV SYSTEM
Poor quality of audio/picture	- Disc is too dirty or scratched	- Clean disc or change disc
No audio in DVD play	- Song not have vocal support - The volume is too small - Interrupt audio output - Interrupt the vocal	- Select another song having vocal support - Increase the volume - Turn Mute key to Turn on - Press vocal to turn on the vocal
No Micro volume	- Interrupt Micro - Mic volume is small	- Turn on Micro - Increase Micro volume
Have the howl (feedback)	- Place Micro near TV or amplifier - The volume of Amplifier/TV is too loud	- Move the Microphone away from TV or amplifier - Decrease the volume of Amplifier/TV
Remote not operating (while the keys on device still operate)	- Place battery incorrectly or low battery - Key stuck - Blocked by big obstacles - Control in far distance - Incorrect angle to receive signals	- Check the battery or replace the new battery - Press the key again to rebound - Ensure that there are no obstacles between the device and remote control - Reduce the distance under 10m - Adjust the angle between the device and remote control less than 30 degrees

SPECIFICATIONS

Voltage: AC 90 – 240VAC 50/60Hz

Power Consumption: 17W

Weight: 4.5Kg

Compatible with: DVD Midi Karaoke/DVD/DVD-R/SVCD/ VCD/CD-R/ CD-RW/Mp3/WMA/Mp4 & Jpeg

Output	Video		1VP-P (750)
	S-Video	Y	1VP-P (750)
		C	0.286 VP-P (750)
	Component	Y	1VP-P (750)
		Pb	0.7 VP-P (750)
		Pr	0.7 VP-P (750)
	Audio L/R,5.1CH		2Vrms(max)
Input	Microphone 1,2		10mV(600Ω)